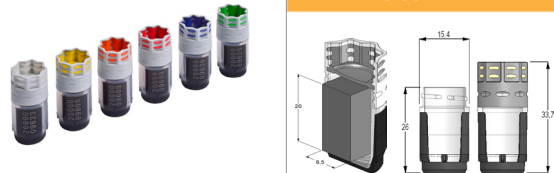


TUBE SPECIFICATIONS

3.00 ML	
	
Storage Rack	Micronic 24-2 Rack
Tube material	Highest purity PP
Inner tube shape	Flat
Capping options	Screw Cap
Thread type	External
Identification on tube bottom	2D Data-Matrix
Identification on tube side	Human readable
Working volume with Screw Cap (+21°C)	2.50ml
Maximum tissue sample size	0.85 x 0.85 x 2.00 cm
Outer diameter	15.4mm
Tube height	26.0mm
Tube height with Screw Cap	33.7mm
Tube height in rack	27.0mm
Tube height in rack with Screw Cap	34.7mm
Available precapped	Yes
Twist-lock	Yes
Available sterile	Yes
DNase / RNase / Pyrogen free	Yes
Class 7 clean room production	Yes
Minimum storage temperature	Vapor phase LN2
Availability	Bulk, Rack

ABOUT MICRONIC

Our goal is to advance research by serving scientists in finding solutions that contribute to a higher quality of life. We develop and manufacture a range of Dutch-designed products to enhance the process of sample preservation and storage.

Micronic is an independent organization with its headquarters located in Lelystad, the Netherlands. Micronic produces and assembles its labware in certified Class 7 clean rooms which are located in the Netherlands and the United States. Our labware equipment is also assembled inhouse. Micronic is an ISO 9001 and 14001 certified company.

Micronic products are applied worldwide in the (research) laboratories of university hospitals, forensics, agricultural, veterinary and governmental institutes, as well as companies in biotech, food, chemical and pharmaceutical industries.

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Please consult your local sales representative for more details. [PD806601]



**PRESERVE TISSUE
INTEGRITY**

**STANDARDIZE THE STORAGE
OF FRESH FROZEN TISSUE**

With Fully Traceable Tissue Storage Tubes

SUPERIOR FEATURES



OPTIMIZING SEALING QUALITY

To ensure a tight seal, even down to vapor phase liquid nitrogen temperatures, the 3.00ml tissue tube includes a novel 'single turn' TPE/Polypropylene screw cap that stays securely in place. For better handling, the screw cap also has an outside grip.

IMPROVING SAMPLE INTEGRITY

Using externally threaded tubes for tissue storage eliminates the possibility of the sample coming into contact with the screw thread, greatly reducing the chance of cross-contamination while improving sample integrity. Due to thicker tube walls, the 3.00ml tissue tube has a sturdier design and excellent properties for ultra-low temperature storage.

MAXIMIZING STORAGE VOLUME

Externally threaded tubes also allow for a higher (net) volume of material to be stored inside. The 3.00ml tissue tubes have a working volume of 2.50ml and are ideal for the storage of fresh frozen tissue samples with a maximum size of 0.85 x 0.85 x 2.00 cm. A wide shallow opening enables easy loading / removal of tissue samples using tweezers. In addition to storage, the flat bottomed tube can also be used for secure transportation of tissue samples.

ENSURING ABSOLUTE TRACEABILITY

Due to the unique injection molding technique used to manufacture the tissue storage tubes, the black code surfaces with 2D Data-Matrix code and human readable code cannot be separated from the transparent tube. The codes are permanently laser-etched into the surface so that they can never wear or fall off. A transparent sidewall enables easy visual checking of the enclosed tissue sample. To further aid visual identification of stored samples the inner TPE element of the screw cap is available in 6 different colors.



AUTOMATION COMPATIBILITY

The Micronic 24-2 Ultra-Low Temperature Rack accommodates twenty-four 3.00ml tissue storage tubes in an automation compatible ANSI/SLAS dimensional footprint. The tubes are also provided with a twist-lock preventing it from spinning during screw (de)capping.

AVAILABILITY & PRODUCTION SPECIFICATIONS

The externally threaded 3.00ml tissue tubes are standard available in bulk and Micronic 24-2 Rack. All Micronic labware is manufactured in a certified Class 7 clean room production environment. The products are RNase/DNase and Pyrogen free following strict industry requirements.